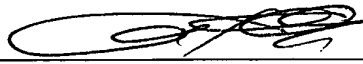


#2f  
DT16 Rec'd PCT/PTO JUN 17 2002

FORM PTO 1390 (REV 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>GAMBRO-257</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/937,990
INTERNATIONAL APPLICATION NO. PCT/SE00/00615	INTERNATIONAL FILING DATES 30 March 2000	PRIORITY DATE CLAIMED 30 March 1999	
TITLE OF INVENTION METHOD, APPARATUS AND COMPONENTS OF DIALYSIS SYSTEM			
APPLICANT(S) FOR DO/EO/US Olof Jansson, et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"><li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing 35 U.S.C. 371</li><li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</li><li>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</li><li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))<ol style="list-style-type: none"><li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol></li><li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).<ol style="list-style-type: none"><li>a. <input type="checkbox"/> is attached hereto.</li><li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol></li><li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))<ol style="list-style-type: none"><li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <input type="checkbox"/> have not been made and will not be made.</li></ol></li><li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li><li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (Executed-14 pages)</li><li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li></ol>			
Items 11 to 20 below concern document(s) or information included:			
<ol style="list-style-type: none"><li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li><li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li><li>13. <input type="checkbox"/> A FIRST preliminary amendment.</li><li>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li><li>15. <input type="checkbox"/> A substitute specification.</li><li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li><li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li><li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li><li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li><li>20. <input checked="" type="checkbox"/> Other items or information: Copy of Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US), Petition for Extension Of Time (5 Months)</li></ol>			

EXPRESS MAIL LABEL NO.: EV064376125US  
DATE: June 17, 2002

09937990

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>09/937,990</b>		INTERNATIONAL APPLICATION NO. <b>PCT/SE00/00615</b>		ATTORNEY/AGENT NUMBER <b>09937990</b>																																																														
<b>21. <input checked="" type="checkbox"/> The following fees are submitted:</b> <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....\$1040.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$890.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....\$740.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$710.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> Surcharge of \$ <u>130.00</u> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				<b>CALCULATIONS</b> PTO USE ONLY  Adjustment date: 07/12/2002 06/20/2002 MKAYPAGH 00000042 121095 02 FC:966 18.00 CH 03 FC:964 84.00 CH																																																														
				<table border="1"><tr><td>CLAIMS</td><td>NUMBER FILED</td><td>NUMBER EXTRA</td><td>RATE</td><td></td></tr><tr><td>Total claims</td><td>-20 =</td><td>1</td><td>x 18.00</td><td>\$ 18.00</td></tr><tr><td>Independent claims</td><td>-3 =</td><td>1</td><td>x 80.00</td><td>\$ 80.00</td></tr><tr><td colspan="4">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td><td>\$</td></tr><tr><td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td><td>\$</td></tr><tr><td colspan="4"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td><td>\$</td></tr><tr><td colspan="4"><b>SUBTOTAL =</b></td><td>\$</td></tr><tr><td colspan="4">Processing fee of \$ _____ for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +</td><td>\$</td></tr><tr><td colspan="4"><b>TOTAL NATIONAL FEE =</b></td><td>\$ 228.00</td></tr><tr><td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21 (h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) ( _____ per property). +</td><td>\$</td></tr><tr><td colspan="4"><b>TOTAL FEES ENCLOSED =</b></td><td>\$ 228.00</td></tr><tr><td colspan="4"></td><td>Amount to be Refunded: \$</td></tr><tr><td colspan="4"></td><td>Charged: \$</td></tr></table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	-20 =	1	x 18.00	\$ 18.00	Independent claims	-3 =	1	x 80.00	\$ 80.00	MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$	<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	<b>SUBTOTAL =</b>				\$	Processing fee of \$ _____ for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +				\$	<b>TOTAL NATIONAL FEE =</b>				\$ 228.00	Fee for recording the enclosed assignment (37 CFR 1.21 (h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) ( _____ per property). +				\$	<b>TOTAL FEES ENCLOSED =</b>				\$ 228.00					Amount to be Refunded: \$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																															
Total claims	-20 =	1	x 18.00	\$ 18.00																																																														
Independent claims	-3 =	1	x 80.00	\$ 80.00																																																														
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$																																																														
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$																																																														
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$																																																														
<b>SUBTOTAL =</b>				\$																																																														
Processing fee of \$ _____ for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +				\$																																																														
<b>TOTAL NATIONAL FEE =</b>				\$ 228.00																																																														
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31) ( _____ per property). +				\$																																																														
<b>TOTAL FEES ENCLOSED =</b>				\$ 228.00																																																														
				Amount to be Refunded: \$																																																														
				Charged: \$																																																														
06/20/2002 MKAYPAGH 00000042 121095 09937990 01 FC:154 130.00 CH 02 FC:966 18.00 CH 03 FC:964 84.00 CH																																																																		
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>12-1095</u> in the amount of \$ <u>228.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to my Deposit Account No. <u>12-1095</u> . A duplicate copy of this sheet is enclosed.																																																																		
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b>																																																																		
SEND ALL CORRESPONDENCE TO: Arnold H. Krumholz LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP 600 South Avenue West Westfield, New Jersey 07090 (908) 518-6304																																																																		
SIGNATURE  07/12/2002 BCAMPBEL 00000004 121095 09937990 Arnold H. Krumholz NAME 01 FC:966 25,420.00 CH 02 FC:966 18.00 CH REGISTERED MAIL NUMBER																																																																		

FD\$



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/937,990	Olof Jansson	GAMBRO-257

INTERNATIONAL APPLICATION NO.
-------------------------------

PCT/SE00/00615

I.A. FILING DATE	PRIORITY DATE
03/30/2000	03/30/1999

Arnold H Krumholz  
 Lerner David Littenberg Krumholz & Mentlik  
 600 South Avenue West  
 Westfield, NJ 07090

*Due  
16 JAN 2002  
EG*

CONFIRMATION NO. 8744

371 FORMALITIES LETTER



\*OC000000007077322\*

Date Mailed: 11/16/2001

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination
- Substitute Specification

**RECEIVED**

NOV 19 2001

**LDLK&M**

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE**

**DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Additionally the following defects have been observed:

- Additional claim fees of **\$98** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$228** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$98**
  - **\$80** for **28** independent claims over 3.
  - **\$18** for **116** total claims over 20.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 305-3631

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/937,990	PCT/SE00/00615	GAMBRO-257